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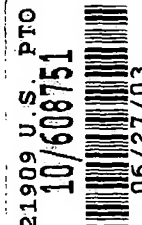
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PATENT APPLICATION

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450



Sir:

Enclosed herewith for filing is the following utility patent application.

Applicant(s): Pietro Arturo Giovanni Bernasconi

Title of application: ARRAYED WAVEGUIDE GRATINGS WITH IMPROVED TRANSMISSION EFFICIENCY

Pages of specification: 17 (12 + 3 pages of claims, 1 page abstract and 1 cover page)

Sheets of drawing: 6 (formal)

Executed on: June 25, 2003

Attorney Docket #: Bernasconi 4 (LCNT/125269)

PATENT APPLICATION FILING FEE CALCULATION

	<u>No. Filed</u>	<u>Less</u>	<u>Rate/Claim</u>	<u>Fee</u>
Total				
Claims	17	-20	0 x \$18.00	\$ 00.00
Independent				
Claims	2	- 3	0 x \$ 84.00	\$ 00.00
			Minimum Filing Fee	\$750.00
			Multiple Dependency Fee	
			(if applicable - \$280.00)	\$000.00
Total Filing Fee (Large Entity)				\$750.00
			50% Reduction for Small Entity	
			(Independent Inventor, Non-profit	
			Corporation, or Small Business	
			Concern) - appropriate	
			verified statement attached	- \$000.00
			TOTAL FILING FEE DUE	\$750.00

Please charge the filing and assignment recordation fees to Deposit Account No. 20-0782. During the pendency of this application, the Commissioner is authorized to charge fees pursuant to 37 C.F.R. §1.16 and 37 C.F.R. §1.17, as appropriate, to Deposit Account number 20-0782. To facilitate such charges, a duplicate copy of this letter is enclosed herewith. Please also credit any overpayment of fees to deposit account number 20-0782.

Also enclosed herewith for filing in connection with the enclosed application are:

☐ Oath;
☒ Declaration and Power of Attorney;
☒ Disclosure Statement;
☐ Letter referencing previously filed disclosure document; number _____ filed _____;
☐ Verified Statement claiming small entity status;
☒ An assignment of the application to: LUCENT TECHNOLOGIES INC. (w/recordation cover sheet)
☐ Claim(s) to priority
 Serial Number Filing date

☐ A certified copy of a _____ patent application or inventor's certificate, filed _____ and serial no. _____, upon which a claim to priority is made;
☐ Check in amount of \$ _____
☒ Other: Postal Card Receipt

Respectfully submitted,

6/27/03

E. J. Wall

 Eamon J. Wall, Attorney
 Reg. No. 39,414

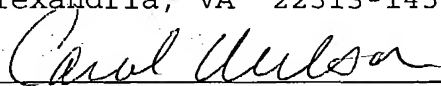
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EXPRESS MAIL CERTIFICATION

"Express Mail" mailing label number: EV177893435US

Date of deposit: June 27, 2003

I hereby certify that this patent application and related papers is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to COMMISSIONER FOR PATENTS, MAIL STOP PATENT APPLICATION, P.O. Box 1450, Alexandria, VA 22313-1450.



Signature of person mailing paper or fee

Carol Wilson

Name of person mailing paper or fee